Docket No. H3170 PCT/US
Serial No. 10/031,740
Confirmation No. 8626

-- 13. (NEW) A composition for coloring keratin fibers comprising a hybrid dye corresponding to formula (I):

X - S - Y (I)

wherein X is a group derived from a substantive dye;

wherein Y is a group derived from (i) a primary intermediate oxidation dye precursor, (ii) a secondary intermediate oxidation dye precursor, or (iii) a precursor of melanin that is a derivative of an indole or an indoline; and

wherein S is a direct bond or a spacer group.

14. (NEW) The composition of claim 13 further comprising at least one primary intermediate oxidation dye precursor or secondary intermediate oxidation dye precursor, or combinations thereof.

15. (NEW) The composition of claim 13 further comprising a substantive dye.

16. (NEW) The composition of claim 13 further comprising a precursor of melanin that is a derivative of an indole or a derivative of an indoline, or combinations thereof.

17. (NEW) The composition of claim 13 further comprising at least one compound selected from a primary intermediate oxidation dye precursor, a secondary intermediate oxidation dye precursor, a substantive dye, or a precursor of melanin that is a derivative of an indole or a derivative of an indoline; or combinations thereof.

18. (NEW) The composition of claim 17 further comprising at least one additive selected from a surfactant, a cationic polymer, an amphopolymer, an anionic polymer, or a nonionic polymer; or combinations thereof.

19. (NEW) The composition of claim 13 further comprising a surfactant.

20. (NEW) The composition of claim 19, wherein the surfactant comprises an anionic surfactant.

21. (NEW) The composition of claim 13 further comprising at least one cationic polymer or an amphopolymer, or combinations thereof.

22. (NEW) The composition of claim 13 further comprising at least one anionic polymer or nonionic polymer, or combinations thereof.

23. (NEW) The composition of claim 13 wherein X is derived from an azo dye, 3-nitroaniline, 2-amino-4-nitroaniline, 2-nitro-1,4-diaminobenzene, a derivative of 2-nitro-1,4-diaminobenzene, a derivative of 4-nitro-2-aminophenol, a derivative of 2-nitro-4-aminophenol, a derivative of 2-nitroaniline, a derivative of quinoxaline, a derivative of anthraquinone, or a derivative of naphthoquinone.

24. (NEW) The composition of claim 23 wherein Y is derived from p-phenylenediamine, p-aminophenol, 3,5-dimethoxybenzene, 1-naphthylamine, or 5,6-dimethoxyindoline.

25. (NEW) The composition of claim 24 wherein S is a direct bond or an alkylene group having 1 to 8 carbon atoms.

26. (NEW) The composition of claim 13 wherein Y is derived from 3-aminophenol or a derivative thereof, 2-aminophenol or a derivative thereof, 1,3-diaminobenzene or a derivative thereof, 1,2-diaminobenzene or a derivative thereof, dihydroxybenzene or a derivative thereof, trihydroxybenzene or a derivative thereof, a derivative of pyridine, a derivative of naphthalene, a derivative of morpholine, a derivative of quinoxaline, a derivative of pyrazole, a derivative of methylenedioxybenzene, 1,4-diaminobenzene or a derivative thereof, 1,2-diamino benzene or a derivative thereof, 4-aminophenol or a derivative thereof, 2-aminophenol or a derivative thereof, a heterocyclic hydrazone, a pyrimidine derivative, or an indole or an indoline derivative containing at least one hydroxy or amino group substituent.

27. (NEW) The composition of claim 26 wherein X is derived from an azo dye, 3-nitroaniline, 2-amino-4-nitroaniline, 2-nitro-1,4-diaminobenzene, a derivative of 2-nitro-1,4-diaminobenzene, a derivative of 4-nitro-2-aminophenol, a derivative of 2-nitro-4-aminophenol, a derivative of 2-nitroaniline, a derivative of quinoxaline, a derivative of anthraquinone, or a derivative of naphthoquinone.

28. (NEW) A hybrid dye corresponding to formula (I):

$$X - S - Y \qquad (I)$$

wherein X is a group derived from a substantive dye;

wherein Y is a group derived from (i) a primary intermediate oxidation dye precursor, (ii) a secondary intermediate oxidation dye precursor, or (iii) a precursor of melanin that is a derivative of an indole or an indoline; and

wherein S is a direct bond or a spacer group.

29. (NEW) The hybrid dye of claim 28 wherein Y is derived from 3-aminophenol or a derivative thereof, 2-aminophenol or a derivative thereof, 1,3-diaminobenzene or a derivative thereof, 1,2-diaminobenzene or a derivative thereof, dihydroxybenzene or a derivative thereof, trihydroxybenzene or a derivative thereof, a derivative of pyridine, a derivative of naphthalene, a derivative of morpholine, a derivative of quinoxaline, a derivative of pyrazole, a derivative of methylenedioxybenzene, 1,4-diaminobenzene or a derivative thereof, 1,2-diamino benzene or a derivative thereof, 4-aminophenol or a derivative thereof, 2-aminophenol or a derivative thereof, a heterocyclic hydrazone, a pyrimidine derivative, or an indole or an indoline derivative containing at least one hydroxy or amino group substituent.

30. (NEW) The the hybrid dye of claim 29 wherein X is derived from an azo dye, 3-nitroaniline, 2-amino-4-nitroaniline, 2-nitro-1,4-diaminobenzene, a derivative of 2-nitro-1,4-diaminobenzene, a derivative of 4-nitro-2-aminophenol, a derivative of 2-nitro-4-aminophenol, a derivative of 2-nitroaniline, a derivative of quinoxaline, a derivative of anthraquinone, or a derivative of naphthoquinone.

31. (NEW) A method of coloring keratin fibers comprising applying the hybrid dye of claim 28 to keratin fibers.

32. (NEW) A method of coloring human skin comprising applying the hybrid dye of claim 28 to human skin. --